Panel A

Sample collection

- 5 µl in 96-well plate
- 2 x 20 µl onto filter paper

DNA extraction

Real-time PCR screening

- Negative
- Positive

Real-time PCR species
  - Pf, Pv, Pm, Po

Antimalarial drug (DHA-PIP)

Panel B

Field team

- Treatment of positive case
- Sample collection

Samples

Positive cases
  - (via internet)

> 24 hrs

IPC Mobile Laboratory

Samples

Positive cases
  - (via internet)

PCR results
  - (via internet)